

6/24/04  
JLK

Sheet 1 of 1

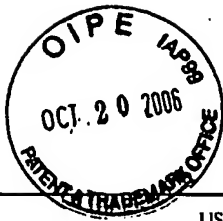
Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111754		APPLICATION NO. 10/048,055	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANTS Shoichi AKAIWA et al.			
				FILING DATE January 25, 2002			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
JLK		JP A 63-242055	10/07/1988	Japan			
JLK		JP A 6-4238	01/14/1994	Japan			
JLK		JP A 6-35807	02/10/1994	Japan			
JLK		JP A 10-289106	10/27/1998	Japan			
JLK		JP A 2000-76028	03/14/2000	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER	Vince E Kovalick				DATE CONSIDERED 6/13/07		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: April 11, 2002

BEST AVAILABLE COPY



Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111754		APPLICATION NO. 10/048,055	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANTS Shoichi AKAIWA et al.			
				FILING DATE January 25, 2002		GROUP 2611	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
<i>JK</i>	1	6,023,506	02/08/2000	OTE et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
<i>WK</i>	2	EP 0 907 120 A2	04/07/1999	EUROPE			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER	<i>Vincent E Kovalick</i>				DATE CONSIDERED <i>6/13/07</i>		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



Sheet 1 of 1

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111754		APPLICATION NO. 10/048,055	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Shoichi AKAIWA et al.			
				FILING DATE January 25, 2002		GROUP 2611	
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Name			
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation	
MC	1	JP A 03-269756	12/02/1991	JAPAN	X	X	
MC	2	EP 0 858 021 A2	08/12/1998	EUROPE			
MC	3	EP 0 665 486 A2	08/02/1995	EUROPE			
OTHER DOCUMENTS							
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)					
EXAMINER Vincent E Kovalick				DATE CONSIDERED 6/13/07			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

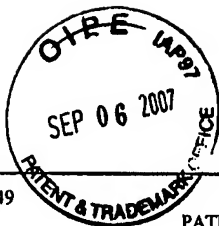
Date: October 20, 2006



Sheet 1 of 1

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111754		APPLICATION NO. 10/048,055	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Shoichi AKAIWA et al.			
				FILING DATE January 25, 2002		GROUP 2629	
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Name			
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation	
W	1	JP-A 10-290372	10-27-1998	Japan	X	X	
W	2	JP-A 10-105470	04-24-1998	Japan	X	X	
W	3	JP-A 06-253158	09-09-1994	Japan	X	X	
OTHER DOCUMENTS							
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)					
EXAMINER				DATE CONSIDERED			
Vincent E. Kovalick				6/13/07			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: May 17, 2007



Sheet 1 of 1

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111754		APPLICATION NO. 10/048,055	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Shoichi AKAIWA et al.			
				FILING DATE January 25, 2002		GROUP 2629	
U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Name			
UKE	1	6,983,415	01-03-2006	Shima			
FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation	
UKE	2	JP-A 10-222578	08-21-1998	Japan	X	X	
UKE	3	JP-A 11-075145	03-16-1999	Japan	X	X	
UKE	4	JP-A 11-231259	08-27-1999	Japan	X	X	
UKE	5	JP-A 10-326288	12-08-1998	Japan	X	X	
OTHER DOCUMENTS							
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)					
EXAMINER				DATE CONSIDERED			
Vincent E Kovalick				11/5/07			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: September 6, 2007